

Ricka, J.
GRINDING AT HIGH SPEEDS. [1961] 13p.
Order from STT \$10.00 STT-175-290

Trans. of Strojirenstvi (Czechoslovakia) 1960, v. 10,
no. 12, p. 920-924.

DESCRIPTORS: *Grinders, *Grinding wheels, Machine
tools.

(Machinery--Machine Parts, TT, v. 7, no. 1)

61-25669

I. Ricka, J.
II. STT-175-290
III. SCIENTECH, Scientific and
Technical Translations,
Cleveland, Ohio

184360

Office of Technical Services

Operation of Direct Indicating Frequency Meter for
50 CPS to 300 MCS, by R. Kosfeld, B. Ricke, 11 pp.

GERMAN, per, Elektronische Rundschau, No 2, 1958,
Berlin, pp 53-56.

USASIA SC-241/60

Sci - Electronics

Aug 60

121,949

Preparation of Sulphur Dioxide for the Mass
Spectrometer Determination of the S^{32}/S^{34}
Isotope Ratio in Natural Sulphur Compounds, by
W. Ricks.
GERMAN, per, Z. anal Chem., Vol. 199, 1964,
pp 401-413

W. R I C K E

Sci -
Aug 67

335-696

Investigations on the Measurement of Sound
Attenuation and Ultrasonic Determination of
Defect Size in Steel Forgings, by W. Knorr,
H.G. Ricken.
GERMAN, per, Archiv F. Das Eisenhüttenwesen.
Vol. 33, 1962, pp 317-325
GB/7/1093

1 H.G. RICKEN

Sci -
Aug 67

335-729

E. Rickenbacher

The Lamination of Foam to Textiles, by
E. Rickenbacher.

GERMAN, per, SVF Fachorgan fuer Textilveredlung,
Vol 18, No 3, 1963, pp 157-159.
NTC 71-14294-11E

Feb 72

Reversible Specific Concentration of Amino Acids in
Escherichia Coli, by Georges H. Cohen, Howard V.
Rickenberg, 41 pp.

FRECH, per, Ann Inst Pasteur, Vol XCI, 1956,
pp 693-720.

MIH 7-17

OTS 59-16858

Gai - Medicine
Aug 59

93, 131

Explosion Forming of Sheet Metal and Pipes. 91

by A. Rickert, R. Harnisch.

GERMAN, per, Fertigungstechnik und Betrieb,

No 10, 1964, pp 009-015.

ADSI 1-7879

10 2204040265

Rickert, A.

Sci - M/N

Jan 66

294,236

67
Defects in Ag₂S, by B. Bickert, 4pp.
GERMAN, per. Zeitschrift, für Physik, Chemie
Neue Folge, Vol 24, 1960, pp. 410-421.
SCPSTT TT 70-58079

AVAILABLE FROM NBS ONLY

Sci/chem
Apr 70

L. Bickert

Rickmann, L.
CONDIMENTS AND TUBERCULOSIS. [1962] 76p.
Order from K-H \$95.00
K-H 3697 b

Trans. of [Ergebnisse der Gesamten Tuberkulose-
[und Lungen]forschung] (West Germany) 1953, v. 11,
p. 340-372.

DESCRIPTORS: *Condiments, *Tuberculosis.

(Biological Sciences--Pathology, TT, v. 9, no. 2)

62-22681

- I. Rickmann, L.
- II. K-H-3697-b
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

0207216

Office of Technical Services

(DC-1301/8)

Two Questions Answered, by Hussein Ahmed Al Rida,
5 pp.

ARABIC, np (Communist), Ittihad ash-Sha'b,
26 Jan 1960, Baghdad, pp 1, 8.

JPRS 3151

NE/A - Iraq
Soc
Apr 60

112,901

Ridder, E. J. de.
PEACETIME ASPECTS FOR THE UTILIZATION OF
MAGNESIUM ALLOYS [Die Friedenszeitlichen Anwen-
dungsmöglichkeiten der Magnesiumlegierungen]. [1963]
[64p] (figs omitted)

Order from OTS, SLA, or ETC \$6.60 TT-64-10283

Trans. of mono. (report) of L. G. Farbenindustrie,
A. G., Elmerfeld, N. d. [102p] (PB-84134).

DESCRIPTORS: *Magnesium alloys, Casting, Vehicles,
Machines, Construction, Electrical industry,
Structural parts, Mechanical properties.

(Metallurgy--Light Metals, TT, v. 11, no. 7)

TT-64-10283

I. Ridder, E. J. de
H. PB-84134

Office of Technical Services

Improvements in Belt Conveyers, by R. De Ridder, 5 pp.

FRANCE, Belgian Patent No 497,868.

US Dept of Commerce
Patent Office (gift)
Sci Lib

Sci - Engineering
Nov 58

76,606

J-1555/64

Passport Police, by Gunnar Ridderstrom, 6 pp
SWEDISH, per, Svensk Polis, Stockholm, Vol II,
No 6, 15 Nov 1963, pp 13-15.

✓
AFPS/RY-9401/Special
CIA/J-1555/64

WE-Sweden
Pol
Dec 64

268,963

Transfer of Container-Unit Goods by Packets, by
E. I. Ridel', I. V. Shetfko, 41 pp. ID 2109941

RUSSIAN, bk, Perevozka Tarno-Shtuchnykh Gruzov
Paketami, 1959, pp 1-27, 49-57, 102-106. /D

ACSI H-5952

Sci - Engr

118,692

Jun 60

The Overall Mechanization and Automation of
Loading and Unloading Operations,
by E. I. Ridel, I. V. Shesko, 65 pp.

FOR OFFICIAL USE ONLY

RUSSIAN, rpt, Kompleks Mekhan i Avtomat Pogruz-
Na-gruzochaykh Rabot Starno-Shtochaym, Gruzani,
Chapt I, Part 5, pp 12-27; Chapt II, pp 104-149,
9698058

FSIC 381-764-251

USSR

Leon

Sep 65

Ridel, E. I.

289,063

Bolometric Pyroheliometer for Absolute Measurements
of Direct Solar Radiation, by P. V. V'yushkov, Ye. A.
Ridel¹, 6 pp.
UNCLASSIFIED

RUSSIAN, bimo per, Astrono Zhur, Vol XXXIV, No 3,
Moscow, May/Jun 1957, pp 490-492.

US JPRS/DC-L-112

Sci - Astronomy, Instruments

61,330

Transamination Reactions of Carboxylic Acid
Amides, by M. V. Ridel', M. P. ~~Vysotskaya~~, 4 pp.

Gerchuk

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 5, 1958, pp 1306-1309.

Consultants Bureau

Sci - ~~§§~~ Chem

Jul 59

93,299

Blast Enrichment and Oil Injection in Blast
Furnaces, by J. M. Ridgica, 13 p.

FRENCH, per, Centre Document Siderurg Circulaire
d'Informations Techniques, 1957, Vol XIV, No 2,
pp 289-295.

SLA 59-10897

Sci
Feb 60
Vol 2, No 9

107090

42
Electrophoretic Studies of Blood in Normal Carp and
Carp with Ascites, by H. K. Liebmann, S. Ridsmüller,
16 pp.

GERMAN, per, Allgemeine Fischerei-Zeitung, Vol 85,
No 20, 1960, pp 45-48.

Dept of Interior

Bureau of Commercial Fisheries

Office of Foreign Fisheries

A-34-Dec 1969-No 11

On Loan

S. Ridsmüller

Sci/482

Mar 70

404,750

Elementary Processes Close to the Surface in a
Gas Discharges, by V. I. Ridnik, B. M. Yavarskiy,
6 pp.

RUSSIAN, per, Radiotekh i Elek, No 4, 1963.

IEEE

Sci
Apr 64

254,475

Suction Casting, by A. A. Ridnyy,

RUSSIAN, per, Lit Proiz, No 12, 1959, pp 12, 1

DSIR LLU M.2349
(loan)

Sci - Engr

Jun 61

156,882

(DC-3570)

POLITICAL EVOLUTION AND CONTRADICTIONS OF THE
COUNTRIES OF SOUTHEAST ASIA, BY SILVIA RIDOLFI,
10 PP.

ITALIAN, PER, RINASCITA, VOL XIX, NO 11, 14 JUL 1962,
PP 11, 12.

JPRS 15800

FE - LAOS
POL.
SEP 62

210,138

Preliminary Project Design of an Apparatus for the
Nuclear Propulsion of a Turbotanker of 70,000-Ton
Displacement with Full Load, by A. Ridolfo, G. Praviti,
M. Chiappini, 10 pp.

ITALIAN

FDD/X-3590

REC-*tr*-3939

Sci

Jun 59

Definitions of Heat Treating Processes by P.
Riebensahn,

GERMAN, por, Haertereitechnische Mitteilungen, Vol IV,
1948, pp. 57-66,

Bruther Tr 3030

Sci - Min/Metals
CES/DEX

10,472

Price \$5.90

53
Alkyl Peroxides. II. Peroxides of Formaldehyde:
Hydroxymethyl Hydroperoxide, by A. Rieche, R. Meister.
GERMAN, Per. Ber., Vol 68B, 1935, pp 1465-1473.
NZDIA

A. Rieche

Sci-Chem
July 69

386-874

Dimethyl Peroxide, by A. Rieche.

GERMAN, per, Ber deutsch Chem Gesell, Vol LXI,
No 5, 1928, pp 951-956. CIA 9004655

TIL No 4757

Sci - Chemistry

48,484

The Peroxides of Ether, the Carbonyl Compounds and
the Ozonides, by A. Rieche.

GERMAN, per, Angewandte Chemie, Vol LXX, No 9,
1958, pp 251-266.

NRCC 72-832

Sci - Chemistry
Jan 61

136,432

Sulfone Formation by the Sulfonation of
Aromatic Compounds with Chlorosulfonic Acid,
by A. Rieche and W. Fischer, 2 pp.

GERMAN, per, Angew Chem, Vol LXIX, 1957, p 482.

SLA 57-2698

801

Jul 58

68,473

Dimethyl Peroxide, by A. ~~Reiche~~.

GERMAN, per, Ber Dtsch Chem Gesell, Vol.
LXI, No 5, 1928, pp 951-956.

TIL Tr 4757

48, 484

Sci - Chem
Jan 58

Rieche, Alfred, Gross, Hans, and Hüft, Eugen.
C-HALOGEN ETHERS. IV. SYNTHESSES OF ARO-
MATIC ALDEHYDES WITH DICHLOROMETHYL-
ALKYL ETHERS. [1962] 8p. (refs. omitted).
Order from SLA \$1.10

62-16294

Trans. of Chem[ische] Ber[ichte] (West Germany)
1960, v. 93 [no. 1] p. 88-94.

DESCRIPTORS: *Halogens, *Ethers, Hydrocarbons,
*Aldehydes, Synthesis, Chlorides, Methyl radicals,
Alkyl radicals, Friedel-Crafts reactions, Catalysts,
Catalysis

Aromatic hydrocarbons form the corresponding
aldehydes with dichloromethyl-alkyl ethers in the
presence of Friedel-Crafts catalysts with good yields.
A simple method is given for the preparation of chloro-
ethanes on a laboratory scale. (Author)
(Chemistry--Organic, TT, v. 8, no. 9)

62-16294

I. Rieche, A.
II. Gross, H.
III. Hüft, E.
IV. Title: Syntheses...

C225978

Office of Technical Services

Rieche, Alfred and Seeboth, Helmuth.
REACTIONS OF NAPHTHOLS AND NAPHTHYL-
AMINES UNDER THE INFLUENCE OF HYDROGEN
SULFITE. (BUCHERER REACTION). IV. THE
ADDITION COMPOUND OF D-NAPHTHOL AND
NaHSO₃. [1961] 8p.
Order from SLA \$1.10

62-10037

Trans. of [Justus Liebig's] Annalen der Chemie
(West Germany) 1960, v. 638, p. 76-81.

DESCRIPTORS: *Naphthalenes, *Amines, *Naphthyl
radicals, *Hydrogen compounds, Sulfites, Chemical
reactions, *Sodium compounds, Complex compounds.

See also 62-10038

(Chemistry--Organic, TT, v. 7, no 6)

62-10037

- I. Rieche, A.
- II. Seeboth, H.
- III. Title: Addition...

197002

Office of Technical Services

Rieche, Alfred and Seeboth, Helmut.
REACTIONS OF NAPHTHOLS AND NAPHTHYL-
AMINES UNDER THE INFLUENCE OF HYDROGEN
SULFIDE (BUCHERER REACTION). II. m-TETRALIN
SULFONIC ACIDS AS INTERMEDIARIES OF THE
BUCHERER REACTION. [1961] 16p.
Order from SLA \$1.60

62-10039

Trans. of [Justus Liebig's] Annalen der Chemie (West
Germany) 1960, v. 638, p. 57-66.

DESCRIPTORS: *Naphthalenes, *Amines, *Naphthyl
radicals, Hydrogen compounds, Sulfites, Chemical
reactions, Hydroxides, *Sulfonic acids, Acids,
Complex compounds.

See also 62-10047

(Chemistry--Organic, TT, v. 7, no. 6)

62-10039

- I. Title: Bucherer reactions
- I. Rieche, A.
- II. Seeboth, H.
- III. Title: m-tetralin...

197023

Office of Technical Services

Rieche, Alfred and Seeboth, Helmut.
THE REACTIONS OF NAPHTHOLS AND NAPHTHYL-
AMINES UNDER THE INFLUENCE OF HYDROGEN
SULFIDE (BUCHERER REACTION). I. PROPERTIES
AND STRUCTURE OF INTERMEDIARIES OF THE
BUCHERER REACTION. [1961] 21p.
Order from SLA \$2.60

62-10047

Trans. of [Justus Liebig's] Annalen der Chemie (West
Germany) 1960, v. 639, p. 43-56.

DESCRIPTORS: *Naphthalenes, *Amines, *Naphthyl
radicals, *Hydrogen compounds, Sulfites, Chemical
reactions, Hydroxides, Sulfonic acids, Acids, Com-
plex compounds, Chemical properties, Crystal
structure.

(Chemistry--Organic, TT, v. 7, no. 5)

62-10047

- I. Title: Bucherer reactions
- I. Rieche, A.
- II. Seeboth, H.
- III. Title: Properties...

197004

Office of Technical Services

Rieche, Alfred and Seeboth, Helmuth.
REACTIONS OF NAPHTHOLS AND NAPHTHYL-
AMINES UNDER THE INFLUENCE OF HYDROGEN
SULFITE (BUCHERER REACTION). III. THE
MECHANISM OF THE BUCHERER REACTION.
[1961] 14p.
Order from SLA \$1.60

62-10038

Trans. of [Justus Liebig's] Annalen der Chemie (West
Germany) 1960, v. 638, p. 66-75.

DESCRIPTORS: *Naphthalenes, *Amines, *Naphthyl
radicals, Hydrogen compounds, Sulfites, Chemical
reactions, Reaction kinetics.

See also 62-10039

(Chemistry--Organic, TT, v. 7, no. 5)

62-10038

- I. Title: Bucherer reactions
- I. Rieche, A.
- II. Seeboth, H.
- III. Title: Mechanism...

194976

Office of Technical Services

The Stereotactic Pituitary Operation, by
T. Rischert, 7 pp.

ITALIAN, per, Acta Neurochirurgica, Supplement
III, 1955, pp 90-97. 9202262

AEC UCRL-Tr-881

Sci - Med

11 Mar 63

224,453

Influence of Reserpine on Rat Paw Edema Induced
by Chicken Albumin, by W. Riechert, O. ~~Eschbach~~,
4 pp. Eschbach,

GERMAN, per, Arzneimittel-Forsch, Vol V,
May 1955, pp 295-296.

SLA Tr 2576

Sci - Biology
Nov 57

54, 829

Studies on the Promotion of Permeability by the
Sympathicus, by W. Riechert, W. Mass, 9 pp. h

GERMAN, per, Arch Exptl Pathol u Pharmacol,
Vol CCCCXV, 1955, pp 505-511.

SLA Tr 57-708

Sci - Biology
Sep 57

52,796

The Use of Iron Oxides for Chromatographic
Adsorption, by G. Gansser, G. Rieck, 5 pp.
GEMMIS, por, Augustinella Chemie, 1971, vol
69, no 1, pp 91-93.
LA 27 64-16824

G. Rieck

Jul 66

305,452

Rieck, G. W.

STUDIES OF PATHOLOGICAL HISTOLOGY, PATHO-
GENESIS AND ETIOLOGY OF THE PYOMETRA-
ENDOMETRITIS COMPLEX OF THE BITCH. II.
ENDOMETRITIS AND THE NON-INFLAMMATORY
ENDOMETRIUM CHANGES WITHIN THE FRAME OF
THE PYOMETRA-ENDOMETRITIS COMPLEX. III.
PATHOGENESIS OF PYOMETRA FORMS. Pts. 2-3 of
abridged ed. of [Doctoral] Dissertation Glessen U.
(West Germany) 1957. [1961] [26]p.
Order from SLA \$2.60

61-14499

Trans. of Zentralbl[att] f[ür] Vet[erinar]med[izin]
(Germany) 1959, v. 6, no. 4, p. 441-462.

DESCRIPTORS: *Dogs, *Uterus, *Suppurative
infections, Pathology, Etiology.

(Agriculture--Animal Husbandry. TT, v. 6, no. 4)

61-14499

- I. Rieck, G. W.
- II. Title: Endometritis...
- III. Title: Pathogenesis...
- IV. Glessen U. (West Germany)

Office of Technical Services

Tunnel Diode Rectilinear Amplifier Low
Level Noise Input Stage in the UHF Region,
by H. Rieck, R. Maurer, 24 pp.

GERMAN, per, Archiv der Elektrischen
Übertragung, Vol. XV, No 11, 1961,
pp 495-507.

ACSI I-3616
ID 2250321

Sci - Phys, Electron
Jan 64

248, 819

Fundamentals of a Low-Noise-Level HF Preamplifier
for $\lambda = 70-40$ Cm, by H. Rieck. UNCLASSIFIED

GERMAN, per, Nachrichtentechnik, No 7, 1958, pp
306-313.

Navy 2196/ONI 524

Sci - Physics, Engr
Sep 59

96,186

Physiological Aspect of Projection in Non-darkened Classrooms, by J. Rieck.

GERMAN, per, Lichttechnik, Vol VII,
No 12, 1955, pp 462-464.

CSIRO

Sci - Med, Electron
May 62

196,408

Rieck, Joachim.

1953

Cine-photography in darkness (Kinematographie in der Dunkelheit).
Naturwissenschaftliche Rundschau, Heft 7: 289-293. In German.

Translation by J. H. S. Blaxter, Dec. 1962, 5p., processed,
avail. Dept. of Agric. and Fisheries for Scotland, Marine
Lab., Aberdeen as Transl. 806. Loan - Biol. Lab., BCF,
Seattle, Wash.

Infra-red photography.

Original Article Checked

A Contribution to the Investigation of
Reciprocal Lattices of Single Crystals by
Means of Kikuchi-Patterns, by W. D. Kiecke,
Y. Sakaki.

GERMAN, per, Z fur Physik, Vol CLVI, 1959,
pp 534-554. 9231790

AEC-UCRL-Tr-1227

Kiecke, W. D.

Sci - Elec

Mar 66

296,508

Can Atomic Resolution be Achieved in the
Electronmicroscope Only With the Dark Field,
by W. D. Riecke.
GERMAN, pt. 2 fuer Naturforschung, Vol XIXa,
1964, pp 1228-1230.
•AEC

Sci-Phys
Jun 65

Studies in Regard to the Problem of Osmotic Concentration of Liver Cells, by G. Riecker, W. Zack and H. E. Renschler, 1 p.

GERMAN, per, Pflugers Arch Ges Physiol, Vol CCLXIV, 1957, pp 245-259.

BIA 57-3114

Sci

Aug 58

71, 122

Rieckert, M.

DYEING AND PRINTING DAY. II. PRODUCTION AND
PROPERTIES OF TEXTURED YARNS. [1961].
Order from ATS \$13.55

ATS-35N54R

Trans. of Teintures et Apprets [sic] (Rumanian) 1960,
no. 59, p. 110-115.

DESCRIPTORS: *Threads, Textiles, Fibers, Produc-
tion, *Dyeing.

(Materials--Textiles, TT, v. 8, no. 12)

62-12387

- I. Title: Printed fabrics
- I. Rieckert, M.
- II. ATS-35N54R
- III. Associated Technical
Services, Inc., East
Orange, N. J.

..36335

Office of Technical Services

The Acoustic Fields Generated in Solid Bodies
by Pulse-Excited Ultrasonic Generators, by P.
Rieckman, P. Linhardt.

GERMAN, per, Verein Deutscher Ingenieure;²
Vol C, No 18, 1958, pp 778-780.

TIL T 5066

Sci - Engr

Jan 61

137,380

Rieckmann, E. and German, S.
THE POTSDAM GRAVITY SYSTEM: ITS COMPLETE
DEFINITION AND CORRECT EXTENSION (Das
Potsdamer Schweresystem: Seine Vollständige Defini-
tion und seine Richtige Übertragung). [1962] [60]p.
68 refs. ACIC RR-55,
Order from OTS or SLA \$5.60

62-25590

Trans. of [Akademie der Wissenschaften, Munich.
Deutsche Geodätische Kommission. Veröffentlichungen.
Reihe B] (West Germany) 1950, no. 50, 35p.

DESCRIPTORS: *Gravity, Geodesics, Gravimeters,
Tables, Determination, Measurement.

(Earth Sciences--Geodesy, TT, v. 9, no. 11)

62-25590

- I. Rieckmann, E.
- II. German, S.
- III. Title: Its...
- IV. ACIC RR-55
- V. Aeronautical Chart and
Information Center,
St. Louis, Mo.

ACIC RR-55

10-23-62

Office of Technical Services

The Potsdam Gravity System. Its Complete
Definition and Correct Extension, by E. Rieckmann,
S. German.

bk,
GERMAN, ~~Das~~ das Potsdamer Schweresystem, Seine
Vollsten Dige Definition und Seine Richtige
Ubertragung, No 50, 1950, 60 pp.

ACIC

Engn
Sci - Geography
Nov 61

173, 415

Output Regulation in Piston Compressors, by A.
Riedel, K. Wagner.

GERMAN, per, Linde Berichte, Vol. 9, 1960, pp 11-21
GFC

A. RIEDEL

Sci -
July 1967

334-563

Modern Approach to the London-Shrink Process, by D.
Riedel.

GERMAN, per, Textil-Praxis, Vol. 18, No. 6, 1963,
pp 583-585

CSIRO/No. 6504.

D. RIEDEL

Sci -

July 1967

334-409

71
A Tentative Comparison of Drinking Water
Disinfection Methods, by A. Riedel,
POLISH, per, Gospodarka Wodna, Vol XX, No 10,
1960, pp 448-451.
CF371 TT 63-11363

A. Riedel

Sci-
Doc 66

316,626

87
Filtration with an Additional Filtering
Layer, by Horst Guenger, Riedel.
POLISH, per. Przemysł Chemiczny, Vol XLIV,
No 5, 1965, pp 279-281. 9232896
ACC-WZ-1-Tr-1016

Riedel

Sci - 8/6
197 65

197,860

(NY-5722)

Rationalization Credits Contribute to Higher
Production, by Biedel, 5 pp.

GERMAN, per, Deutsche Finanzwirtschaft, Vol XIV,
No 11, Jun 1960, pp F208, F209.

JPRS 9091

EEur - Ex Germany

Econ

May 61

154, 451

On the Tongue Shaped Process of the Right Lobe
of the Liver and Its Pathognostic Importance in
Disease of the Gallbladder With Some Additional
Remarks on Surgery for Gallstones, by Riedel, 31 pp.

GERMAN, per, Berliner Klinische Wochenschrift,
Vol XXV, 1888, pp 577-581, 602-607.

NRH 1-31-61

Sci - Med
Mar 61

141,974

I. Report: Amino Acid Sequences of Collagen. On the Binding Method of Prolins and Hydroxyproline, by Wolfgang Grassmann, Kurt Hannig, Horst Engdres, Alfred Riedel, 18 pp.

GERMAN, per, Hoppe-Seyler's Zeitschrift fur Physiolog Chemie, Vol CCCVI, 1956, pp 123-131.

NIH 9-27

Sci - Med
Sep 59

97,405

The Effect of a Frequency on a Direct Process,
by A. Fritzsche, C. Rindal.
ZITTEL, J., Zeitschrift für Physik, Vol LX, No 4,
1964, pp 672-675.
*1000-100001

Oct 15
Apr 65

78
Fractometric Analysis of Deuterium in a Current of
Hydrogen, by D. Riedel, E. Ehlmann.
GERMAN, per, Z. für Analytische Chemie, Vol CLXVI,
1959, pp 433-439.
*AEC

Sci-Chem
Mar 65

The Tunnel Effect of Supercurrents in a Micro-*81*
Wave Field, by E. Rieckl.
CIVILIAN, per, Z fuer Naturforschungs, Vol 12/2,
No 13, 1964, pp 1634-1635.
NACA TT F-9567

Rieckl, E.

Sci - Phys
Aug 65

288,946

Riedel, F.

THE UTILIZATION OF BLAST FURNACE WASTE
GASES FOR CARBON DIOXIDE FERTILIZATION.
[1963] 25p. (figs. omitted) 3 refs.
Order from SLA \$2.60

63-16076

Trans. of Stahl und Eisen (Germany) 1919, v. 39,
no. 49, p. 1497-1506.

DESCRIPTORS: *Waste gases, Blast furnaces,
*Carbon compounds, *Dioxides, *Fertilizers.

(Agriculture--Plant Cultivation, TT, v. 10, no. 4)

63-16076

I. Riedel, F.

1963

Office of Technical Services

Electron Microscope Preparation of Radioactive
Tagged Aerosols by Guenter Riedel, 11 pp.

GERMAN, per, Staub, Vol XXIII, 1963, pp 237-242.

AEC-tr-5961

Sci - Nuc Sci
Oct 63

240, 278

The State of Scientific Knowledge and Technical
Development in the Field of Tar Processing,
Extraction, and Synthesis, by H. Riedel, 25 pp.

GERMAN, per, Bergbau und Energie, Vol II, No 7/8,
Jul/Aug 1949, pp 243-250.

SIA Tr 1881

Sci - Fuels
Jul 57
1

50,026

Une Contribution a la Caracterisation des Proprietes
d'Echangeur de Cations de Matériaux Inorganiques
Convenables, by H. J. Riedel, 69 pp.

GERMAN to FRENCH, per, Kernforschungsanlage Julich,
1962, pp 183. 9214329

CEA-A-1358
Reverse Translation

Sci
Nov 63

Critical Comments on the Estimation of
Radioactive Contamination Based on the Measurement
of Total Activity, by G. Herrmann, H. Hauser, H. J.
Riedel, 33 pp.

GERMAN, per, Nukleonik, Vol I, 1959, pp 305-314.

AEC AERE-Trans-851

Sci - Nuc Phys
14 Mar 61

141,287

Contribution to the Property Characteristics of
Cation Exchangers of Appropriate Inorganic Materials,
by Hans-Juergen Riedel, 56 pp.

UNKNOWN, rpt, 1962.

AEC-Tr-5611

Sci - mat & Met

RMX Jun 63

235,055

Contribution to the Property Characteristics
of Cation Exchangers of Appropriate Inorganic
Materials, by Hans-Jurgen Riedel. 56 pp

GERMAN, per, Berichte der Kernforschungsanlage
Julich, No 32, 1962, p 1. 9205016

AEC-Tr-5611

Sci - Chem

Apr 63

227,053

Methods and Apparatus for Production of An-
nular Sections Sawn from Hollow Glass Blanks,
by Joseph Riedel,

AUSTRIAN, Patent No 66,230.

Dept of Comm

Patent Office

Joseph Riedel

Sci-Methods & Equipment

Jan 67

316,818

(DC-5826)

Cooperation Between the Agriculture and
Forestry Technology Association of the German
Agrarian Science Society, by K. Riedel, 4 pp.

GERMAN, per, Deutsche Agrartechnik, Vol XI, No 2,
1961, pp 92, 93.

JPRS
↓ 8616

EEur - Germany

Econ

Aug 61

2
167,036

Iceland's Transportation System, by Kurt
Riedel, 9 pp.

GERMANY, per, Internationales Archiv fur Verkeh-
rswesen, Apr 1961, pp 118-122, (Call No
HE 5, I6I, V 13, No 4, #1r).

AMS

NoBu
Econ
Sep 61

166.907

Liquid Density in a State of Saturation, by L.
Riedel, 27pp
GERMAN, per, Chemie-Ing Tech, Vol 26, 1954,
No 5, pp 259-~~261~~ 264
SLA TT-14663

L. Riedel

Sci - Chem
June 67

329,404

Riedel, L.
COMPRESSIBILITY, SURFACE TENSION AND THER-
MAL CONDUCTIVITY IN THE LIQUID STATE.
[1963] 23p
Order from K-H \$23.00

K-H 3663

Trans. of Chemie-Ingenieur-Technik (West Germany)
1955, v. 27, no. 4, p. 209-213.

DESCRIPTORS: *Liquids, *Compressive properties,
*Surface tension, *Thermal conductivity.

(Engineering--Chemical, TT, v. 10, no. 10)

63-22462

- I. Riedel, L.
- II. K-H-3663
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

1252525

Office of Technical Services

A New Universal Vapor-Pressure Formula, by L.
Riedel, 24pp
GERMAN, per. Chemie-Ing-Techn. Vol 26, 1954,
No 2, pp 83-89
SLA TT-64-14672

L. Riedel

Sci - Chem
June 67

329,405

Thermal Conductivity Measurements on Mixtures
of Various Organic Compounds With Water, by
L. Riedel, 14 pp.

GERMAN, per, Chemie Ingenieur Technik, Vol. XXIII,
No 19, 1951, pp 465-469. 9687184

DEC RSIC-40

Sci - Chem
Oct 63

345, 356

New Method for Estimating Unknown Critical
Pressures of Organic Compounds, by L. Riedel,
22 pp.

GERMAN, per, Z Elektrochem, Vol LIII, No 4, 1949,
pp 222-228.

SIA Tr 2036

Sci - Chem
Jul 57

49,937

A New Universal Vapor-Pressure & Formula.
Studies of Extension of Theorem of Corresponding
States, by L. Riedel, 24 pp.

GERMAN, per, Chem Ing Tech, Vol XXVI, No 2,
1954, pp 83-89.

SLA Tr 2034

Sci - Chem
Jul 57

49,936

The Heat Conductivity of Aqueous Solutions of
Strong Electrolytes, by L. Riedel, 22 pp.

GERMAN, per, Chem Ing Tech, Vol XXIII, 1951,
pp 59-64.

SLA 57-1242
AEC Tr 2501

Sci - Electricity, Physics

36,574

Jul 1956

SLA 57-1242

Heat Conductivity Determinations With Sodium
and Potassium Iyes of Different Concentration
and Temperature, by L. Riedel, 12 pp.

GERMAN, per, Chem Ing Tech, Vol XXII, 1950,
pp 56-66.

AEC TR 2503

36,568

Sci - Physics

54.1163

Jul 1956

Calorimetric Investigations of the Meat Preserving
Process, by L. Riedel. UNCL

GERMAN, per, Kältetechnik, Vol IX, No 2, 1957,
pp 38-40.

DSIR 33776/CT

Sci - Biol, food preservation
Mar 59

83,253

Liquid Density in a State of Saturation. Investigation on an Expansion of the Theorem of Consistent Conditions. Part II, by L. Riedel, 24 pp.

FRENCH, per, Chemie Ing Techn, Vol XXVI, No 5, 1954, pp 259-264.

S.L.A. Tr No 536/1955

Sci⁴ Chemistry
Mar 1957 CTS/dex

45, 880

New Thermal Conductivity Measurements of Organic X
Liquids, by L. Riedel, 18 pp. UNCLASSIFIED

GERMAN, per, Chem Ing Tech, Vol XXIII, 1951,
pp 321-324.

S.H.A. 2035/157

AEC Tr 1822

S.L.A. 537

Scientific - Chemistry

April 54 CTS/DEX

S.H.A. 1164

11,808

Calorimetric Measurements On Meat and Egg White, by
L. Riedel.

GERMAN, per, Kalttechnik., Vol 16, No 11
1964

GB 352/277

L. Riedel

Sci -
Sep 67

340,064

Heat Sterilization of Canned Food, by Leohard
Riedel.

GERMAN

USDA per
NC State College

Jun 59

Riedel, Leonhard,
THERMAL CONDUCTIVITY MEASUREMENTS ON
LIQUIDS. Dissertation presented to Technische
Hochschule, Karlsruhe. 1963] 83p (figs omitted)
Order from SLA \$8.60 TT-61-14402

Trans. of Technische Hochschule, Karlsruhe. Kälte-
technisches Institut. Mitteilungen (West Germany)
no. 1918 1-5p. (abstract available)
Another trans. is available from SLA as D 035, 82p

DESCRIPTORS: *Refrigerants, Heat transfer, Liquids,
*Thermal conductivity, Measurement,
*Thermochemistry

Topics include: choice of measuring method; construc-
tion of apparatus; theoretical considerations concerning
the measuring method; electrical measurements; deter-
mination of the calibration curve; practical experiences
with the apparatus; measuring results on pure liquids;
(Chemistry--Physical, TT, v. 11, no. 11) (over)

TT-61-14402

L. Riedel, L.

1280621

Office of Technical Services

Riedel, Leopold.
METHODS FOR TESTING HOMOGENEITY OF
MIXTURES (Verfahren zur Prüfung der Homogenität von
Gemengen). Paper [presented at] annual meeting of
Hütrentechnische Vereinigung der Deutschen Glasindus-
trie, Bad Neuenahr, 12 Oct 56. [1962] [10]p. (foreign
text included) 10 refs.
Order from SLA \$1.10

62-18134

Trans. of Glastechnische Berichte (West Germany) 1957,
v. 30, no. 4, p. 113-115.

DESCRIPTORS: *Glass, *Mixtures, Distribution, Test
methods.

Methods of testing homogeneity of mixtures, especially
with cullet, are discussed, and ways of further separa-
ting the portions insoluble in water and acid are
illustrated. (Author)
(Materials--Ceramics, TT, v. 9, no. 4)

62-18134

- I. Title: Cullet
- I. Riedel, L.
- II. Title: Hütrentechnische ...

C227707

Office of Technical Services

Riedel, Leopold.
OBSERVATIONS ON STREAMS AND DROPS
(Beobachtungen an Flüssen und Tropfen). [1962] 5p.
1 ref.
Order from SLA \$1.10

62-18203

Trans. of Glastechn[ische] Ber[ichte] (West Germany)
1956, v. 29, no. 2, p. 49-51.

DESCRIPTORS: *Glass, Processing, Ceramic materials
Solutions, *Fused materials, *Melting, Temperature,
Silicates, Impurities, *Quartz crystals, Quartz.

(Materials--Ceramics, TT, v. 9, no. 5)

62-18203

1. Title: Cohart block
1. Riedel, L.

C227872

Office of Technical Services

82
Fract Osmotic Analysis of Deuterium in a
Current of Hydrogen, by O. Riedel, E.
Uhlmann.
GERMAN, per, ~~Zts. für Analytische Chemie.~~
Vol 166, pp 488-499, 1959 9229636
AEC NP-Tr-1271

O. Riedel
Sci-Chem
Nov 65

791,938

Riedel, O. and Kienitz, H.
THE FORMATION OF TEREPHTHALATE BY RE-
ARRANGEMENT OF CARBOXYL GROUPS IN A
 $^{14}\text{CO}_2$ -ATMOSPHERE. [1961] 8p. 3 refs. 61-10788
Order from SLA mi\$1.80, ph\$1.80

Trans. of Angew[andte] Chem[ie] (West Germany)
1960, v. 72 [no. 19/20] p. 738-740.

(Chemistry--Organic, TT, v. 5, no. 9)

61-10788

1. Phthalates--Chemical reactions
2. Carboxyl groups--Chemical reactions
1. Riedel, O.
- II. Kienitz, H.

Office of Technical Services

Refining of Aluminium Melts, by H. Riedelbauch,

GERMAN, per, Aluminium, Vol XXXIV, No 3,
1958, pp 130-134.

C81RO

Sci - Min/Net
Apr 62

190,480

Stress State in the Junction Region of a
Right-Angled Branch Pipe, by W. Riedelbach,
27 pp.

GERMAN, per, Eng Archiv, Vol XXXI No 5,
1961, pp 293-316.
CIA/FUD X-6123

W. Riedelbach

Sci - Materials

Mar 67

FOR OFFICIAL USE ONLY

320,075